

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
17 October 2002 (17.10.2002)

PCT

(10) International Publication Number
WO 02/082283 A3

(51) International Patent Classification⁷: **H04L 12/28**

(21) International Application Number: PCT/US02/10193

(22) International Filing Date: 29 March 2002 (29.03.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/826,136 4 April 2001 (04.04.2001) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

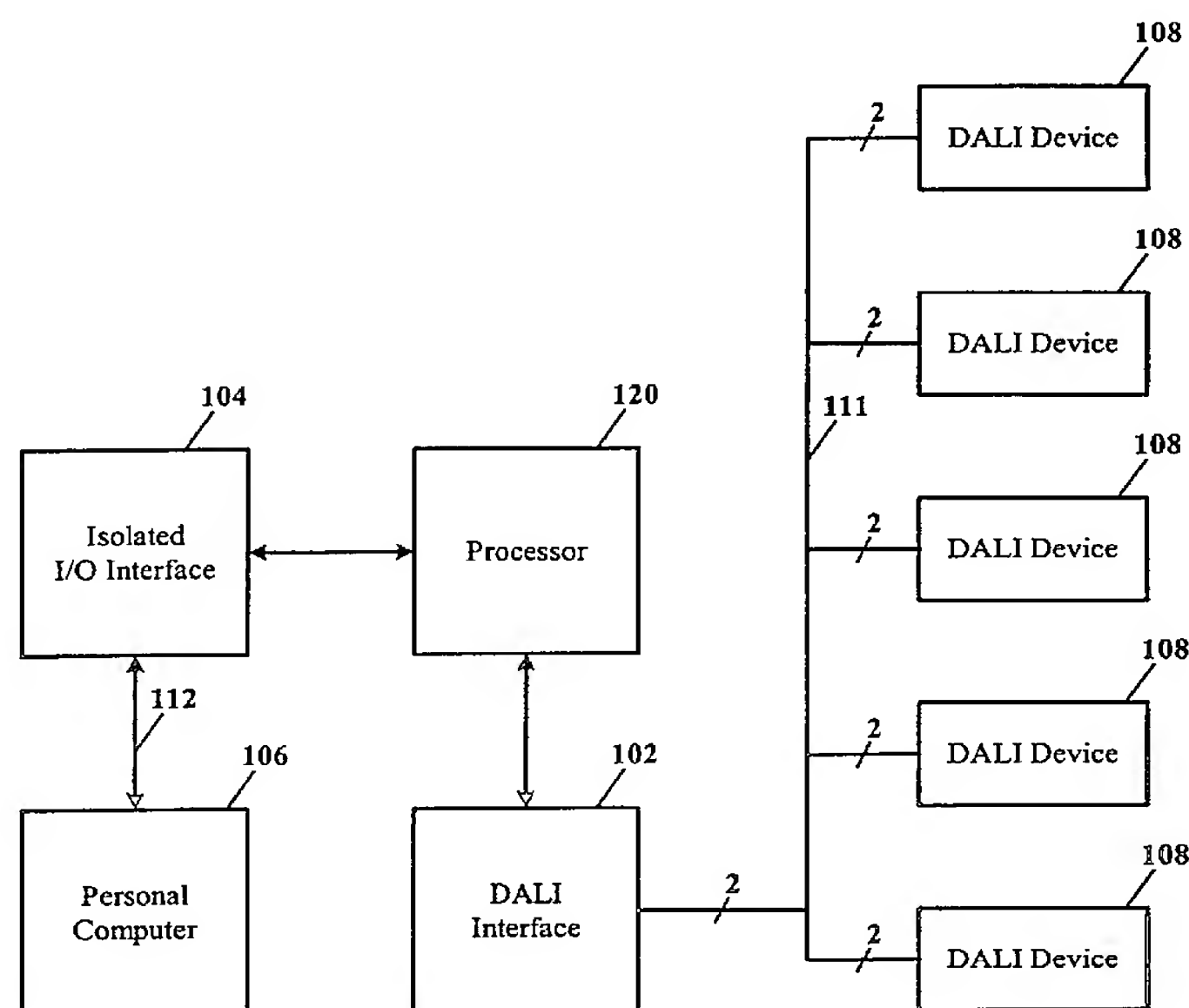
(84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).

Declarations under Rule 4.17:

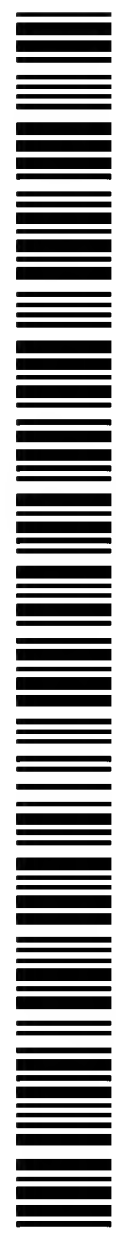
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ,

[Continued on next page]

(54) Title: DIGITAL ADDRESSABLE LIGHTING INTERFACE BRIDGE



(57) Abstract: An interface bridge between a standard input-output (I/O) computer port and a Digital Addressable Lighting Interface (DALI) interface. The DALI bridge translates signal levels and protocol from the standard I/O computer interface port to the DALI signal levels and protocol, and visa-versa. A digital processor is used for protocol translation and message buffering. Signal level translation is used to properly connect to a computer port and the voltage levels of the two wire DALI bus. Using a standard computer for testing and control of a DALI compliant device and/or plurality of DALI compliant devices in a building lighting system is facilitated by the DALI bridge.



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VN, YU, ZA, ZM, ZW, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR)

Published:

— with international search report

(88) Date of publication of the international search report:
16 October 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 02/10193

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/28 H05B37/02 H05B37/03

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

INSPEC, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 118 230 A (FLEISCHMANN MARC WERNER) 12 September 2000 (2000-09-12) column 2, line 39 -column 4, line 17; figure 1 column 10, line 17 -column 11, line 5; figure 8 ---	1-3, 17-26, 32-40
X	US 6 181 086 B1 (KATYL ROBERT H ET AL) 30 January 2001 (2001-01-30) column 4, line 49 -column 8, line 32; figures 1-14 --- -/--	1-3, 17-26, 32-40

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

21 February 2003

Date of mailing of the international search report

06/03/2003

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INTERNATIONAL SEARCH REPORT

Int. Patent Application No
PCT/US 02/10193

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ALONSO J M ET AL: "INTELLIGENT CONTROL SYSTEM FOR FLUORESCENT LIGHTING BASED ON LONWORKS TECHNOLOGY" IECON '98. PROCEEDINGS OF THE 24TH ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY. AACHEN, AUG. 31 - SEPT. 4, 1998, ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY, NEW YORK, NY: IEEE, US, vol. 1, 31 August 1998 (1998-08-31), pages 92-97, XP001003478 ISBN: 0-7803-4505-5 page X</p>	1-40
A	<p>TSANG P W M ET AL: "DEVELOPMENT OF A DISTRIBUTIVE LIGHTING CONTROL SYSTEM USING LOCAL OPERATING NETWORK" IEEE TRANSACTIONS ON CONSUMER ELECTRONICS, IEEE INC. NEW YORK, US, vol. 40, no. 4, 1 November 1994 (1994-11-01), pages 879-889, XP000495826 ISSN: 0098-3063 the whole document</p>	
P,X	<p>CONTENTI C: "Digitally addressable DALI dimming ballast" APEC 2002. 17TH. ANNUAL IEEE APPLIED POWER ELECTRONICS CONFERENCE AND EXPOSITION. DALLAS, TX, MARCH 10 - 14, 2002, ANNUAL APPLIED POWER ELECTRONICS CONFERENCE, NEW YORK, NY: IEEE, US, vol. 2 OF 2. CONF. 17, 10 March 2002 (2002-03-10), pages 936-942, XP010583030 ISBN: 0-7803-7404-5 the whole document</p>	1-40

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 02/10193

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US 6181086	B1	30-01-2001	US 6388396 B1	14-05-2002